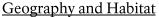


Antithamnionella spirographidis

Red algae, a rhodophyta

Threat scores

- 1. Ecological impact
 - A very rapid vegetative reproduction accounts for its success
 - May cause fouling in marinas
- 2. Invasive potential
 - A fouling organism requiring assisted transport to expand alien range
 - Although ephemeral, this species spreads by fragmentation and the rapid production of new thalli
- 3. Geographic extent
 - Locally patchy
- 4. Management difficulty
 - Cleaning hulls prevents spread, but once established in marine environment
 - No known eradication controls



- 1. Origin: North Pacific
- 2. Introduced: Alaska
- 3. Habitats
 - Marine, estuaries/bays, fouling communities

Invasion Pathways

- 1. Stocking in open waters oyster farming
- 2. Hull/Surface fouling

Non native locations

1. 55- N. American Pacific Fijordland

Sources

- 1. Molnar, Jennifer, et al. 2008. "Assessing the global threat of invasive species to marine biodiversity." *Frontiers in Ecology and the Environment*. 6 (9), pp. 485-492.
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- 3. http://www.algaebase.org/search/species/detail/?species_id=449
- 4. http://www.marinespecies.org/aphia.php?p=taxdetails&id=144521

